

# Converting Colors

Hex(966EE8)

Have a look what the booklet for  
Hex(966EE8) contains.

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# Color

**Hex(966EE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	966EE8
RGB	150, 110, 232
RGB Percent	59%, 43%, 91%
CMY	0.4118, 0.5686, 0.0902
CMYK	0.35, 0.53, 0.00, 0.09
HSL	260°, 73%, 67%
HSV	260°, 53%, 91%
XYZ	32.7191, 23.4621, 79.1481
YIQ	135.8680, -15.3220, 46.4220

# Conversions

## Conversions Part 2

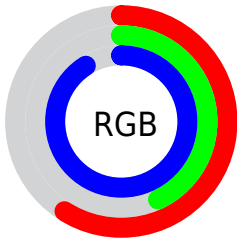
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 110, 232
Decimal	9858792
CIE Lab	55.55, 42.04, -56.47
CIE LCh	56, 70.402, 306.663
Yxy	23.4621, 0.2418, 0.1734
Android (android.graphics.Color)	4288048872 (0xFF966EE8)
YUV	135.8680, 47.3931, 12.3938
Hunter-Lab	48.4377, 35.8088, -62.9746

# Details

The Hex color **966EE8** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **C0E86E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **D0A3FF**, and **5E3DB0** is the 20% darker color. If you saturate the color by 10%, you get **8657E8**, and if you desaturate by 10%, it is **A685E8**.

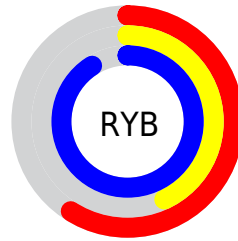
# Distribution



Red (59%)

Green (43%)

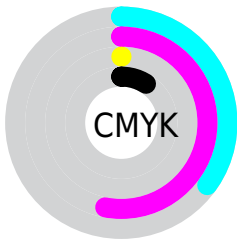
Blue (91%)



Red (59%)

Yellow (43%)

Blue (91%)

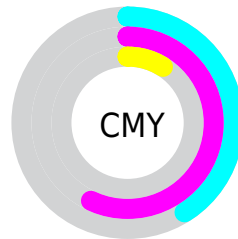


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (57%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966EE8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 966EE8 by changing the saturation by 10% instead.



 966EE8

 966EE8

FFFFFF

 7A55CB

 D0A3FF

 5E3DB0

 EDBEFF

 412594

 FFDAFF

 220D7A

 FFF7FF

 000060

 000048

 000430

 00011A

 000000

■ 966EE8

■ 966EE8

■ 8657E8

■ A685E8

■ 7740E8

■ B59CE8

■ 6728E8

■ C5B4E8

■ 5811E8

■ D4CBE8

■ 4C00E8

■ E4E2E8

■ F4F9E8

■ FFFFE8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0088FF



966EE8



D84FB7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



966EE8



C67000



00A091

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



966EE8



C0E86E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009D52



966EE8



948700

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



966EE8



E7523F



52950A



009FCD

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



966EE8



EC408F



52950A



00A07C



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



966EE8



E4D6FF



6EC1E8



6F6780



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



966EE8



935EFF



D26EE8



6B6773



3B00B3



110033



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E86EC0



FF5ECA



84E86E



73676F



B30078

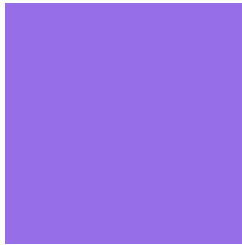


330022



# Previews

## White Background



This preview shows how the Hex color 966EE8 looks on a white background.

## Color Contrast Check

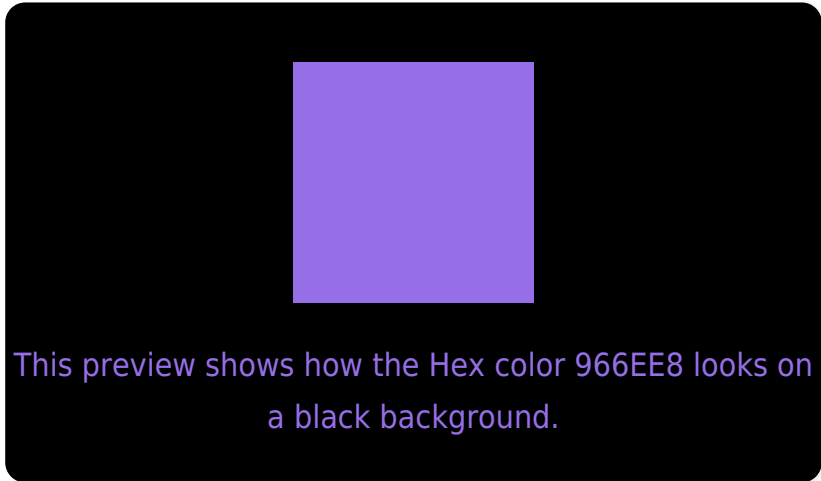
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 966EE8 Background



This preview shows how black text looks on a background with the Hex color 966EE8.

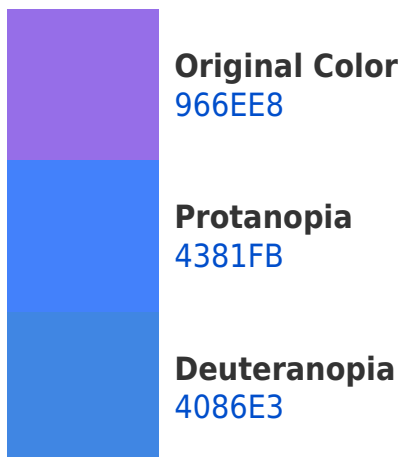



This preview shows how white text looks on a background with the Hex color 966EE8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
83848F

# Trichromacy



**Original Color**  
966EE8



**Protanomaly**  
617AF4



**Deuteranomaly**  
5F7DE5



**Tritanomaly**  
8A7CAF

# Monochromacy



**Original Color**  
966EE8



**Achromatopsia**  
888888



**Achromatomaly**  
8D7FAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966EE8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #966EE8 looks like.

```
.text, #text, p{  
    color:#966EE8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #966EE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966EE8
}
```

## Border

The CSS property to change the border of an element to Hex 966EE8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#966EE8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#966EE8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #966EE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966EE8; -webkit-box-shadow:4px 4px  
4px 4px #966EE8; box-shadow:4px 4px 4px  
4px #966EE8 }
```

# Background

The CSS property to change the background color of an element to Hex 966EE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966EE8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#966EE8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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